

120 and into the MUT substrate 120. During receive operation, the flexible membrane 118 is electrically biased using electrical stimulus applied through the conductors 112 and 116. When electrically biased, the flexible membrane 118 produces a change in voltage that generates an electrical signal in response to acoustic energy received by the MUT element 110.

Please amend the paragraph beginning at page 5, line 6 of applicants Specification to read as follows:

A number of different methodologies can be used to join the MUT substrate 120 to the IC 140, many of which are disclosed in commonly owned assigned U. S. Patent Application entitled "System For Attaching an Acoustic Element to an Integrated Circuit," filed on even date herewith, and assigned Serial No. 09/919,470 [XXXXX, Attorney Docket No. 10004001)].